Approved for use through 4/30/2003, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PATEN	ormation unde	Application or Docket Number							
C	SMALL	ENTITY	OR	OTHE: SMALL	HER THAN				
FOR	NUMBER FILED	(Column 2)		RATE	RATE FEE				
BASIC FEE (37 CFR 1.16(a))				RATE	s		RATE	FEE	
TOTAL CLAIMS (37 CFR 1.16(c))	M minus 20	<u>- 15</u> Å		xs 9 =	 -	OR	18	<u> </u>	
INDEPENDENT CLAIMS	A mbrus 20			43		OR	x \$_ <u>/\rho</u> =	 	
(37 CFR 1.16(b))	X \$		OR	x \$ 8 6 =	 				
MULTIPLE DEPENDENT C	+ \$ 145 =	 	OR	+s290=					
* If the difference in colum	TOTAL	L	OR	TOTAL					
CLAIMS AS AMENDED - PART II									
8/20/29 (0	Column 1)	(Column 2)	(Column 3)	SMALL	ENTITY	OR		R THAN ENTITY	
V L	CLAIMS EMAINING AFTER IENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL	
Total *	4 Minus	70	* o	x s =		OR	x \$ =	FEE	
Z Independent • (S7 CFR 1.16(b))	U Minus	c	- /	X \$ =		OR	x s =	/	
FIRST PRESENTATION	N OF MULTIPLE DEPENDEN	IT CLAIM (37 CF	R 1.16(d))						
,	TOTAL	//	OR	TOTAL					
4/15/25	ANE.	\sim		ADD'L FEE		OR	ADD'L PEE		
	olumin 1) //	(Column 2) HIGHEST	(Column 3)		T				
	EMAINING AFTER I ENDMENT	NUMBER . PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD⊦ TIONAL FEE	,	RATE	ADDI- TIONAL FEE /	
Total (37 CFR 1.16(ci))	4 Minus	70	* <i>(2)</i>	x \$=		OR	x s =		
Total (37 CFR 1.16(b)) U Independent (37 CFR 1.16(b))	4 Minus	<u> </u>	* O	x \$=		OR	x s=		
FIRST PRESENTATION	+s =		OR	+s =					
				TOTAL ADD'L FEE	/	OR	TOTAL ADD'L FEE /		
(C	olumn 1)	(Column 2)	(Column 3)		<u> </u>		//		
O RE	CLAIMS MAINING	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
Total (37 CFR 1.16(c))	Minus	•	=	x \$_ = -		OR	x \$ =		
	Minus *	••	-	x s=		OR .	x s =		
FIRST PRESENTATION	OF MULTIPLE DEPENDENT	T CLAIM (37 CFF	R 1.16(d))	+s =		OR	+ s =		
	-			TOTAL ADD'L FEE		OR	TOTAL		
• If the entry in column	1 is less than the entry in	column 2, write	"0" in column 3	3.		UK	ADD'L FEE		
*** If the "Highest Number	er Previously Paid For [*] IN or Previously Paid For [*] IN Previously Paid For [*] (Tot	THIS SPACE IS	less than 3, en	nter "3".	the anomores	hov in a	olumo 1		

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commercing for Patents P.O. Box 1450, Alexandria, VA 22313-1450. ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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292

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PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

Application or Docket Number

O1656299

CLAIMS AS FILED - PART I								SMALL E	ENTITY		OTHER	THAN
(Column 1) (Column 2)					1	TYPE		OR	SMALL			
FOR NUMBE			ER FILED		NUMBER	EXTRA		RATE	FEE	1	RATE	FEE
ВА	SIC FEE								345.00	OR	,	690.00
TOTAL CLAIMS Q minus 20=			:0= ·				X\$ 9=		OR	X\$18=		
INDEPENDENT CLAIMS 3 = 1						ı	X39=		OR	X78=		
MULTIPLE DEPENDENT CLAIM PRESENT								+130=		OR	+260=	
* If the difference in column 1 is less than zero, enter "0" in column 2						L	TOTAL	<i>3</i> 45	OR	TOTAL		
Column 1) (Column 2) (Column 3)								,		8	OTHER	THAN.
(Column 1) (Column 2) (Column 3)							_	SMALL		OR	SMALL	ENTITY
IENT A		REMAINING AFTER AMENDMENT		N' PRE	UMBER EVIOUSLY ND FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	· 5	Minus	•• 2	عدد	= 0		X\$ 9=		OR	X\$18=	
AME	Independent FIRST PRESE	NTATION OF M	Minus ULTIPLE DEF	PENDE	NT CLAIM	= 2		X39=	84	OR	X78=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM								+130=	0	OR	+260=	
2/12/03 Response						A	TOTAL DDIT. FEE	ol·	OR	TOTAL ADDIT, FEE		
	171.3.	(Column 1)			olumn 2)	(Column 3)			11			
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		N PRE	IGHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NON	Total	· 5	Minus	••	20	=0.		X\$ 9=		OR	X\$18=	/
4ME	Independent	\cdot s	Minus	***	5	=0		X39=			X78=	/
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR X/8=								 				
					-		L	+130=		OR	+260=	
•	3/18/04						A	TOTAL DDIT. FEE		OR	TOTAL ADDIT, FEE	
	West of Landson	(Column 1) CLAIMS	-		olumn 2)	(Column 3)						/ .
AMENDMENT C		REMAINING AFTER AMENDMENT		N PRE	IGHEST UMBER EVIOUSLY ND FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE /		RATE	ADDI- TIONAL FEE
NON	Total	. 4	Minus .	••	20	=0		X\$ 9=.		OR	X\$18=	/
AME.	Independent	• 4	Minus	***	S	= 0	╽┟	X39=			X78=	/-
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					┞	7,55=	/	OR	A70=	/	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.							Ĺ	+130≈		OR	+260=	
" If the "Highest Number Previousty Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT. FEE OR ADDIT. FEE ADDIT. FEE									,			
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.												
FORM PTO-675												

(Rev. 12/99)

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